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that have met my notice are so few and of such a character as not to interfere at all seriously with the design and usefulness of the work, and perhaps would scarcely be noticed by any one except a close student of mycology. Such a one might say there was some mistake in the rather sweeping assertion in the description of *Russula virescens*, that "a faint fluting of the edge" is "a peculiarity of all the *Russulæ*;" and also that there must be some error in describing the spores of *Boletus alveolatus* in one place as "rose-colored" and in another as "yellowish-brown." There is also quite a discrepancy between the characters assigned in this work to *Clavaria formosa* and *Lycoperdon saccatum* and those found in European works, so that I suspect some misconception of these species, but I do not see how these mistakes can lead the mycologist into any serious danger.

The publishers have evidently done their part toward making the book attractive. Plates, press work and paper are all good.

We believe that this very useful and creditable volume will be the means of giving a renewed and stronger impulse to American mycology, and that those who are fortunate enough to obtain it will soon be demanding the means of obtaining a knowledge of other species which will attract their notice and which are no less desirable and available for food than those here described.

CHARLES H. PECK.

Proceedings of the Club.

WEDNESDAY EVENING, OCTOBER 30TH, 1894.

The President in the chair and 34 persons present.

The committee on admissions reported favorably on the nominations of Miss Annie E. Hamilton, Mrs. Archibald D. Russell, Dr. F. C. Stewart and Mrs. Theron G. Strong, and they were elected active members, the Secretary being directed to cast an affirmative ballot.

The following announced papers were then presented:

"Notes on the Morphology of the Leaves in *Galium*," illustrated by specimens and drawings, by Mr. A. A. Tyler.

"Remarks on the Luminous Moss, *Schistostega osmundacea*," illustrated by specimens and drawings, by Elizabeth G. Britton.

"Some adaptive structural Features in the Lichens," illustrated by specimens and drawings, by Dr. Albert Schneider. (To be published in the December BULLETIN.)

TUESDAY EVENING, NOVEMBER 12TH, 1895.

Vice-President Lighthipe in the chair and 37 persons present.

Dr. Britton nominated for active membership Mr. B. Heritage, of Mickleton, Gloucester county, N. J.

Prof. Emily L. Gregory presented a paper on "Theories of the Origin and Nature of the Starch Grain," giving the history of the subject from the work of Naegeli to that of Meyer, who has recently submitted evidence that the substance of the starch grain is truly crystalline and not organized, so that all our theories of the growth of organized substance based upon the starch grain as a type fall, and we must begin to study the subject *de novo*.

The Secretary exhibited an ear of corn showing some perfect kernels of sugar corn distributed among those of yellow flint, as well as many kernels of an intermediate character.

Mr. E. S. Miller remarked upon the blooming of certain Cactaceae in cultivation, notably *Cereus Thurberi*, the plant being only a foot or two high and the flowers very small.

Index to recent Literature relating to American Botany.

Arthur, J. C. Development of Vegetable Physiology. Science (II.) 2: 360-373. 20 S. 1895.

Arthur, J. C. Deviation in Development due to the Use of unripe Seeds. Am. Nat. 29: 804-815. S. 1895.

Arthur, J. C. Potato Scab and its Prevention. Bull. Ind. Exp. Sta. 56: pp. 11. Au. 1895.

Bain, S. M. Notes on *Utricularia inflata*. Asa Gray Bull. 3: 4. Ja. 1895.

Barnes, C. R. The Botanical Society of America. Science (II.) 2: 448, 449. 4 O. 1895.

Beardslee, H. C. Occurrence of Glacial Plants in Ohio. Ann. Rep. Ohio Acad. Sci. 3: 17. 1895.